Utah
Water Supply Outlook

and

Federal – State – Private
Cooperative Snow Surveys

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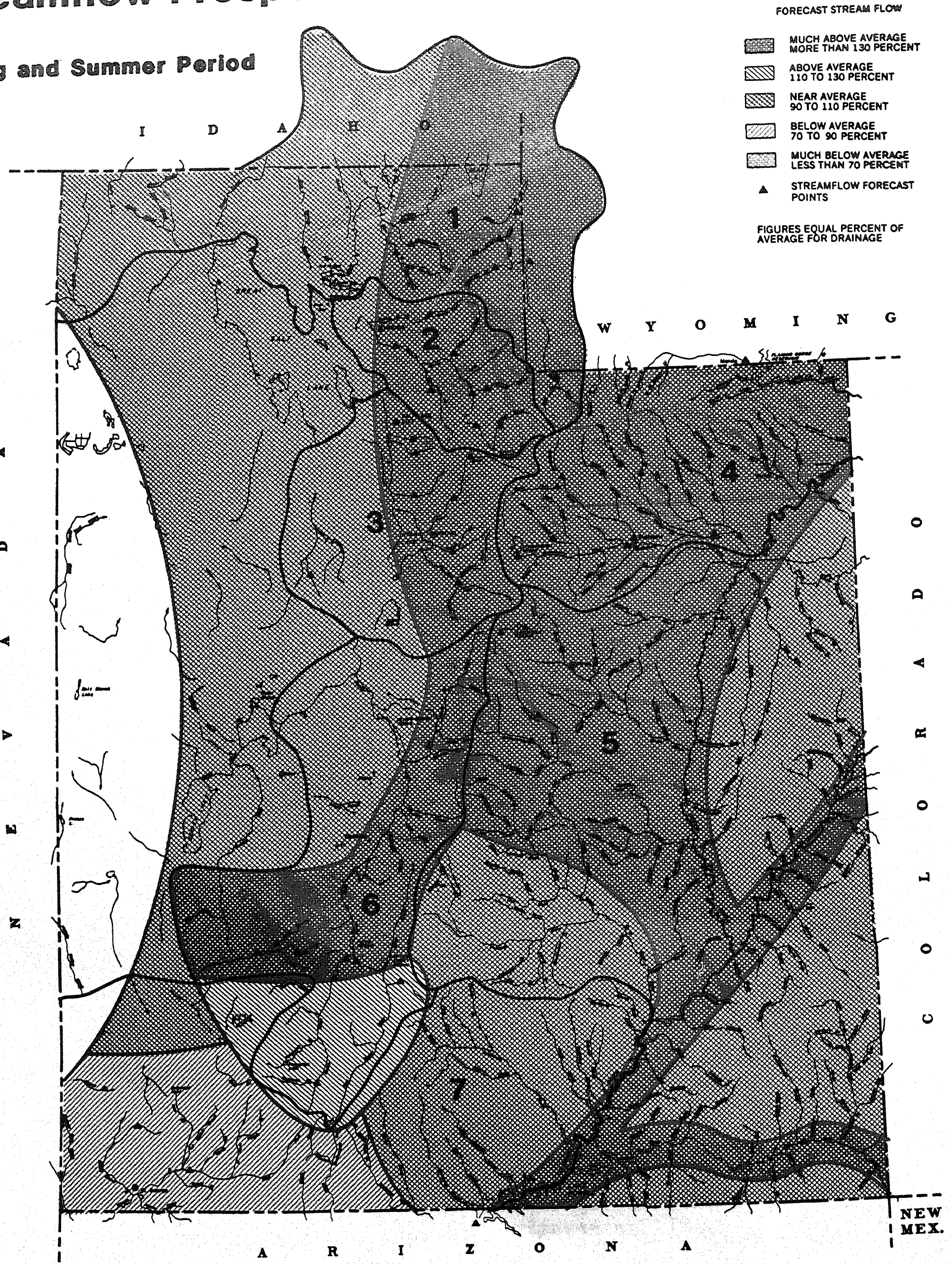
Streamflow Prospects for Utah

Spring and Summer Period



1 BEAR RIVER BASIN
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GENERAL OUTLOOK

SUMMARY:

April continued the trend of above average mountain precipitation to three consecutive months. Snowmelt during April was slowed at high elevations due to extended periods of storminess. The water supply outlook improved in some of the water short areas of southern Utah, although shortages are still expected. The situation in the water-logged North has become more critical as snowpack on the tributaries to the swollen Great Salt Lake approaches the level recorded in 1983 and the elevation of the Lake nears the historical peak of 4211.6 feet.

SNOWPACK:

Snowpack varies from much above average on the Wasatch and Uinta mountains to much below average in the Enterprise to New Harmony area of southwest Utah. Two notable exceptions to this general north-south trend are the Oquirrh-Stansbury mountain area around Tooele Valley which, although improved, is still below average and the Beaver River watershed in southern Utah which is much above average. Two sites on the Weber, one site on the Provo and three sites on tributaries to the Duchesne set new records this month for maximum May 1 water content. Snowpack now ranges from 72% of average in southwestern Utah to 143% on the Uintas.

PRECIPITATION:

April was the third consecutive mo
precipitation over the mountainous
Rainfall in excess of ten inches f
sites in the Wasatch and Uinta mou
Southeastern Utah had the least ra
average ranging upward to the Utah
watershed which received 157% of n
precipitation. All mountainous ar
have above normal water year [Octo
30] precipitation accumulation. S
has received 114% of the seasonal
Uintas have received 146%.

RESERVOIRS:

Usable stored water in 26 key irrigation reservoirs in Utah is 97% of capacity and 129% of average for the end of April even though some reservoirs, most notably those on the Weber and Provo Rivers, are being held down in anticipation of high snowmelt runoff. Reservoirs in southwestern Utah haven't filled and most likely will not fill this year.

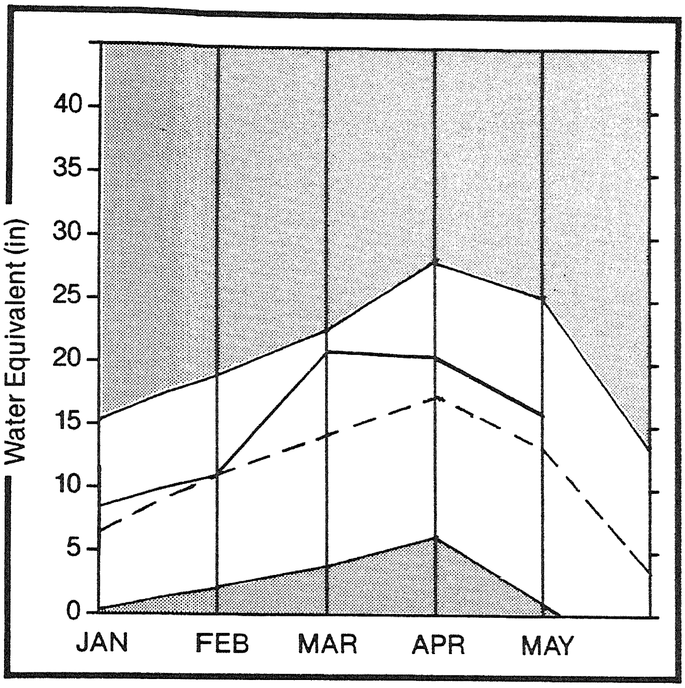
STREAMFLOW:

Forecasts of spring and summer streamflow have generally increased across the State from the levels forecast last month as the result of above average precipitation and delayed melt on high elevation snow courses. The area of greatest increase is on the Duchesne and Strawberry Rivers where the forecasts have increased by 40 to 50% compared to average. The Ivins Bench area west of St. George in southwestern Utah, on the other hand, is reporting only one acre in ten with a water supply adequate for irrigation. Forecasts now range from 81% on Salt Creek near Nephi to 481% on the Sigurd to Gunnison reach of the Sevier.

Forecasts prepared for this bulletin represent cooperative efforts of the Soil Conservation Service and the National Weather Service in an effort to provide the best possible service to water users and managers.

Bear River Basin

Mountain snowpack* (inches)



*Based on selected stations

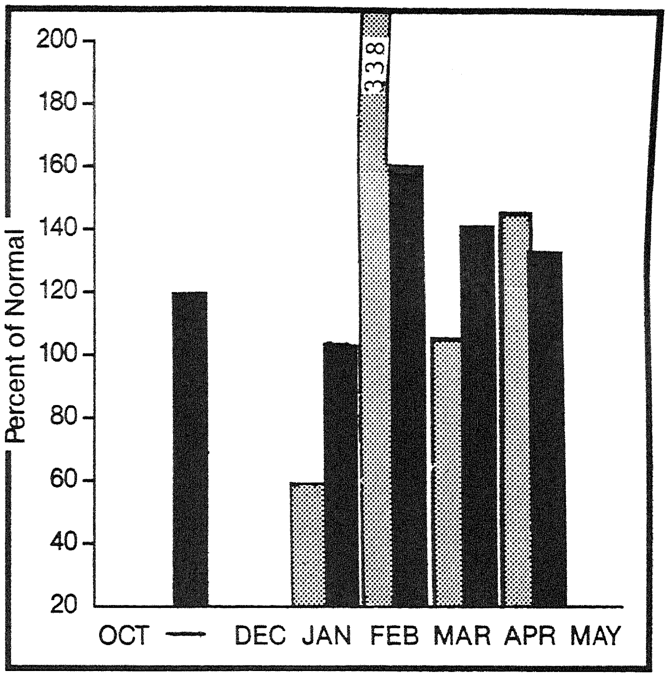
Maximum

Minimum

Average ----

Current ——

Precipitation* (percent of normal)



*Based on selected stations

Monthly precipitation

Year to date precipitation

WATER SUPPLY OUTLOOK:

Snowpack on the Bear River watershed, compared to average, increased during April by 14% and now stands at 135% of the May 1 average. Logan River snowpack increased 10% and is now 40% greater than normal for May 1. Precipitation at mountain stations was 45% greater than normal for April bringing water year accumulation to 134% of the October-April average. Reservoir storage is 115% of average. Forecasts have increased from last month and now range from 118% to 204% of average.

For more information contact your local Soil Conservation Service office:

Tremonton Field Office 801-257-5403

Logan Field Office 801-753-5616

BEAR RIVER BASIN

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	20 YR. AVE. (1000AF)	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVE.)	REAS. MAX. (% AVE.)	REAS. MIN. (% AVE.)	PEAK FLOW (CFS)	PEAK DATE	LOW FLOW (CFS)	LOW DATE
BEAR RIVER near UT-WY Stateline	MAY-JUL	105.0	150.0	142	157	131	2030			
BEAR near Woodruff	MAY-JUL	116.0	162.0	139	169	121				
WOODRUFF CREEK near Woodruff	MAY-JUL	15.1	21.4	141	159	119	333			
BIG CREEK near Randolph	APR-JUL	5.3	9.5	179	226	132	90			
BEAR near Randolph	MAY-JUL	82.0	168.0	204	251	159				
THOMAS FORK near Stateline	APR-SEP	35.0	57.0	162	183	143				
SMITHS FORK near Border	APR-SEP	119.0	166.0	139	160	119				
BEAR RIVER near Harer	APR-SEP	310.0	463.0	149	168	132				
LOGAN RIVER near Logan	MAY-JUL	101.0	145.0	143	157	131	1309			
BLACKSMITH FORK near Hyrum	MAY-JUL	38.0	57.0	150	184	121				
LITTLE BEAR RIVER near Paradise	MAY-JUN	26.0	35.0	134	169	100	649			
CUB RIVER near Preston	MAY-JUL	42.9	51.0	118	154	84				

RESERVOIR STORAGE (1000AF)

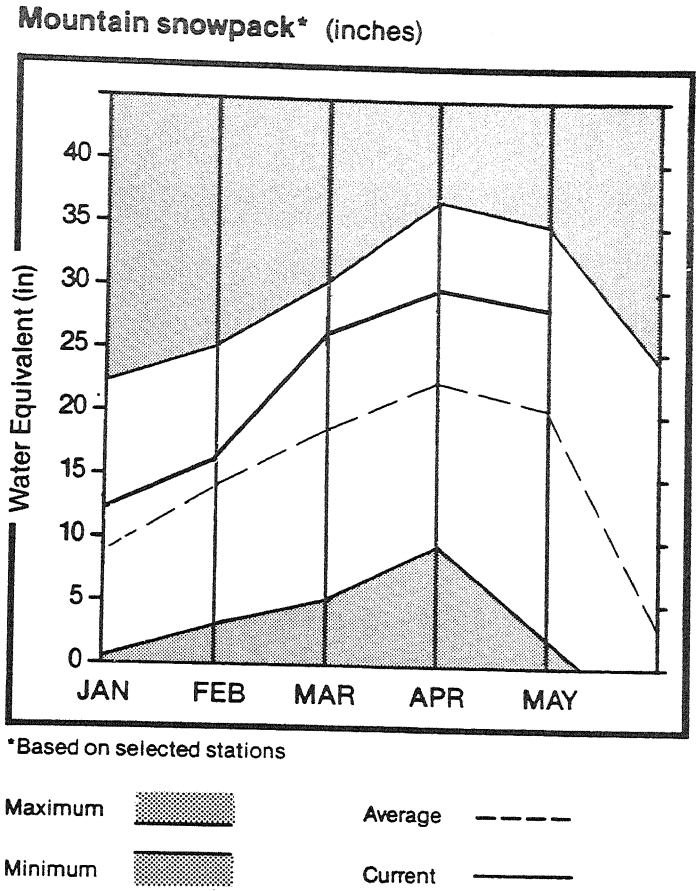
RESERVOIR	USEABLE CAPACITY	** USEABLE STORAGE ** THIS YEAR	LAST YEAR	AVE.
BEAR LAKE	1421.0	1216.2	1131.4	1054.1
HYRUM	15.3	11.2	11.9	13.2
PORCUPINE	11.3	11.8	11.9	9.5
WOODRUFF NARROWS	55.8	57.7	55.8	---
WOODRUFF CREEK	3.5	4.0	3.5	---

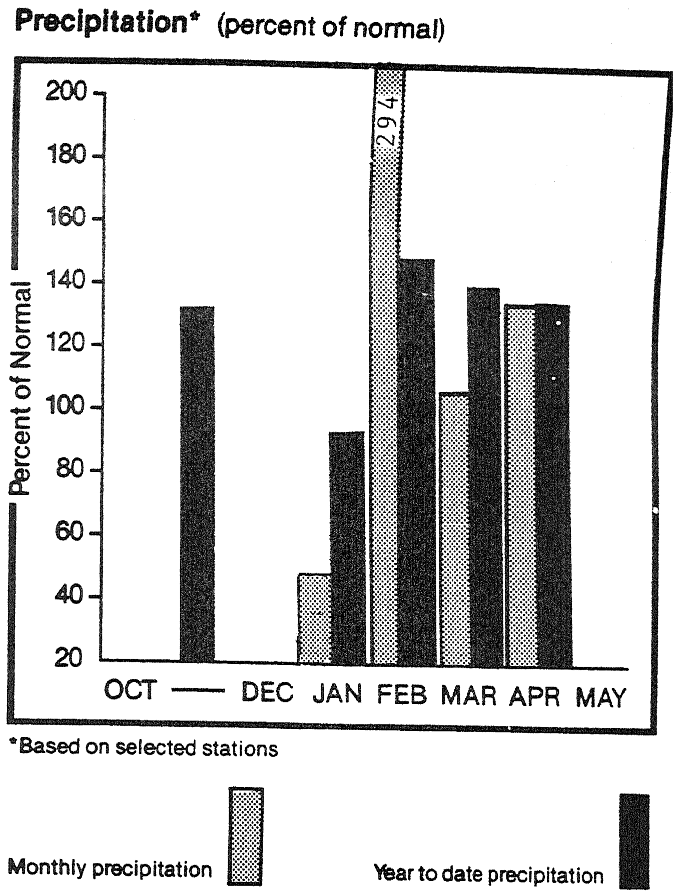
WATERSHED SNOWPACK ANALYSIS

WATERSHED	NO. COURSES AVE.D	THIS YEAR AS % OF LAST YR.	AVERAGE
BEAR RIVER, UPPER IN UTAH	6	203	134
BEAR RIVER, LOWER IN UTAH	10	168	130
BEAR RIVER DRAINAGE IN UT	15	178	134
BEAR RIVER, UPPER (above	12	217	139
BEAR RIVER, LOWER (below	11	193	129
BEAR RIVER DRAINAGE	21	208	135
LOGAN RIVER	5	163	140
RAFT RIVER	0	0	0
BEAR RIVER BASIN	25	200	136

*Corrected for upstream diversions or changes in reservoir storage.
Average is for 1961-80 period.

Weber & Ogden Watersheds





WATER SUPPLY OUTLOOK:

Weber River snowpack, compared to average, increased 17% during April. Snow measurements taken during the last week of April place Weber River snowpack at 143% and Ogden River snowpack at 134% of average. Mountain precipitation for April was 36% greater than normal which brings the accumulation for the water year to 136% of average. Reservoir storage is being held down in anticipation of high flows. Storage is at 95% of average. Streamflow forecasts now range from 141 to 213% of average for the forecast period.

For more information contact your local Soil Conservation Service office:
Layton Sub Office 801-544-9144

WEBER & OGDEN WATERSHEDS in Utah

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	20 YR. AVE. (1000AF)	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVE.)	REAS. MAX. (% AVE.)	REAS. MIN. (% AVE.)	PEAK FLOW (CFS)	PEAK DATE	LOW FLOW (CFS)	LOW DATE
WEBER RIVER near Oakley	MAY-JUN	93.0	164.0	176	192	161	2511			
ROCKPORT RESERVOIR inflow	MAY-JUN	96.0	184.0	191	216	170				
CHALK CREEK near Coalville	MAY-JUN	29.0	62.0	213	245	190	1005			
WEBER RIVER near Coalville	MAY-JUN	98.0	193.0	196	220	174				
LOST CREEK near Croyden	MAY-JUN	11.2	20.6	183	214	152				
EAST CANYON CREEK near Morgan	MAY-JUN	16.3	23.4	143	184	123				
HARDSCRABBLE CREEK near Porterville	APR-JUN	18.4	26.0	141	179	103				
SOUTH FORK OGDEN RIVER near Huntsvil	MAY-JUN	41.0	61.5	150	178	127				
PINEVIEW RESERVOIR inflow	MAY-JUN	74.0	122.0	164	185	147				
ECHO RESERVOIR inflow	MAY-JUN	128.0	230.0	179	202	158				
WEBER RIVER at Gateway	APR-JUN	300.0	545.0	181	201	163				
FARMINGTON CREEK near Farmington	MAY-JUL	6.7	10.4	155	194	119				

RESERVOIR STORAGE (1000AF)

RESERVOIR	USEABLE CAPACITY	** USEABLE STORAGE ** THIS YEAR	LAST YEAR	AVE.
CAUSEY	6.9	2.9	1.1	2.6
EAST CANYON	48.1	40.2	37.0	41.5
ECHO	73.9	26.9	57.4	54.2
LOST CREEK	20.0	14.2	14.4	14.3
PINEVIEW	110.1	78.6	96.6	76.6
ROCKPORT	60.9	24.1	44.0	36.8
WILLARD BAY	165.5	160.1	155.0	139.7

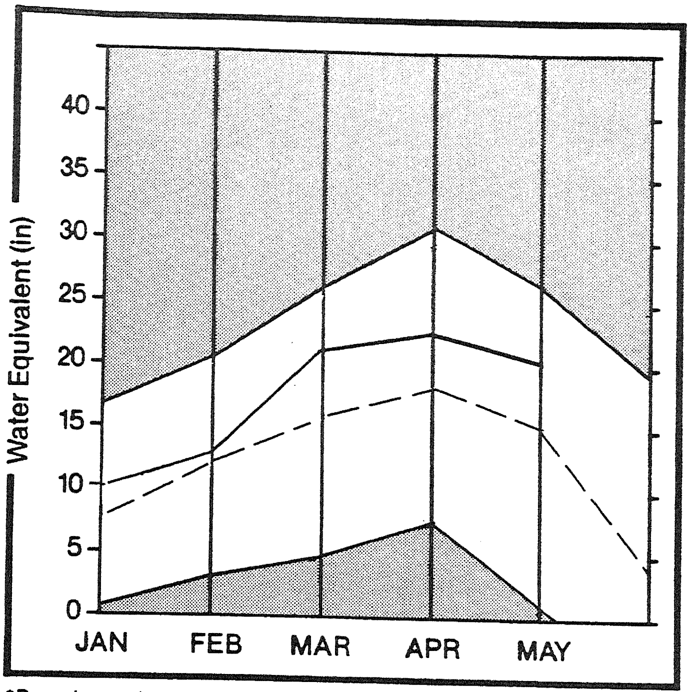
WATERSHED SNOWPACK ANALYSIS

WATERSHED	NO. COURSES AVE.D	THIS YEAR AS % OF LAST YR.	AVERAGE
OGDEN RIVER	4	172	138
WEBER RIVER	12	170	143
WEBER & OGDEN WATERSHEDS	16	170	141

*Corrected for upstream diversions or changes in reservoir storage.
Average is for 1961-80 period.

Utah Lake, Jordan River & Tooele Valley

Mountain snowpack* (inches)



*Based on selected stations

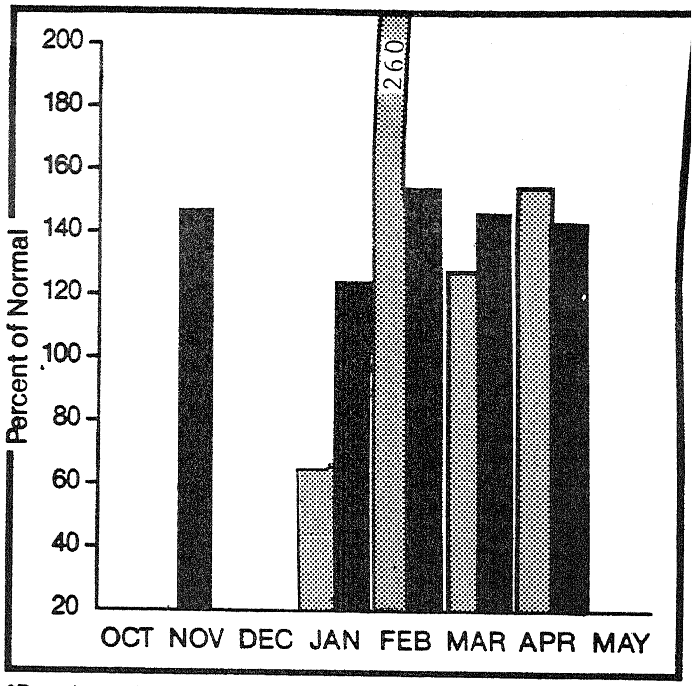
Maximum

Minimum

Average ----

Current ——

Precipitation* (percent of normal)



*Based on selected stations

Monthly precipitation

Year to date precipitation

WATER SUPPLY OUTLOOK:

Provo River snowpack is more than 40% greater than normal for May 1. Snowpack for the entire Utah Lake drainage is 30% greater than average. Trial Lake snow course surpassed the old record water content by 4.4 inches with a reading of 45.9 inches. Tooele Valley snowpack improved to 89% of average. Mountain precipitation was 57% greater than normal in April. Reservoir storage is 154% of average. Streamflow forecasts range from 92% for So. Willow Ck. near Grantsville to 200% for Emigration Ck. near SLC.

For more information contact your local Soil Conservation Service office:

Midvale Field Office 801-524-4373
Provo Field Office 801-377-5580

UTAH LAKE, JORDAN RIVER & TOOELE VALLEY

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	20 YR. AVE. (1000AF)	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVE.)	REAS. MAX. (% AVE.)	REAS. MIN. (% AVE.)	PEAK FLOW (CFS)	PEAK DATE	LOW FLOW (CFS)	LOW DATE
PROVO near Hailstone	MAY-JUL	94.0	165.0	175	195	159	2900			
PROVO below Deer Creek Dam	MAY-JUL	96.0	175.0	182	206	158				
AMERICAN FORK near American Fk.	MAY-JUL	28.0	50.0	178	193	168	600			
HOBBLE CREEK near Springville	MAY-JUL	13.3	25.0	187						
STRAWBERRY RESERVOIR inflow	APR-JUL	72.0	125.0	173	193	154				
PAYSON CREEK near Payson	MAY-JUL	4.4	7.0	159						
UTAH LAKE inflow	MAY-JUL	166.0	325.0	195	227	165				
LITTLE COTTONWOOD CRK near SLC	MAY-JUL	36.0	49.0	136	144	131				
BIG COTTONWOOD CRK near SLC	MAY-JUL	33.0	49.0	148	158	136				
PARLEY'S CEEK near SLC	MAY-JUL	11.3	16.0	141	168	115				
MILL CREEK near SLC	MAY-JUL	5.0	9.5	190	200	180				
EMIGRATION CREEK near SLC	MAY-JUL	2.5	5.0	200						
CITY CREEK near SLC	MAY-JUL	6.6	10.0	151	167	136				
SETTLEMENT CREEK near Tooele	MAY-JUL	2.1	2.7	128	190	95				
SOUTH WILLOW CREEK near Grantsville	MAY-JUL	2.7	2.5	92	148	37				
VERNON CREEK near Vernon	MAY-JUN	0.5	0.9	160	206	114				

RESERVOIR STORAGE (1000AF)

RESERVOIR	USEABLE CAPACITY	** USEABLE STORAGE ** THIS YEAR	LAST YEAR	AVE.
DEER CREEK	149.7	97.4	143.1	106.9
GRANTSVILLE	3.3	3.3	---	---
SETTLEMENT CREEK	1.0	0.9	0.7	0.7
STRAWBERRY-ENLARGED	951.4	421.6	324.4	---
UTAH LAKE	883.9	1248.6	1224.2	766.8
VERNON CREEK	0.6	0.6	0.6	0.6

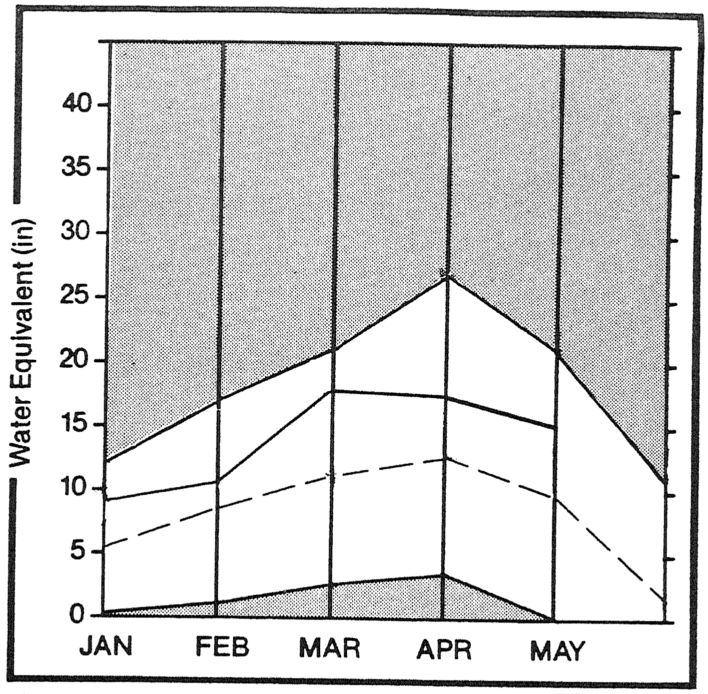
WATERSHED SNOWPACK ANALYSIS

WATERSHED	NO. COURSES AVE.D	THIS YEAR AS % OF LAST YR.	AVERAGE
PROVO RIVER & UTAH LAKE	9	203	130
PROVO RIVER	4	232	144
JORDAN RIVER & GREAT SALT	5	177	121
TOOELE VALLEY WATERSHEDS	4	153	89
UTAH LAKE, JORDAN RIVER &	18	181	115

*Corrected for upstream diversions or changes in reservoir storage.
Average is for 1961-80 period.

Uintah Basin & Dagget SCD's

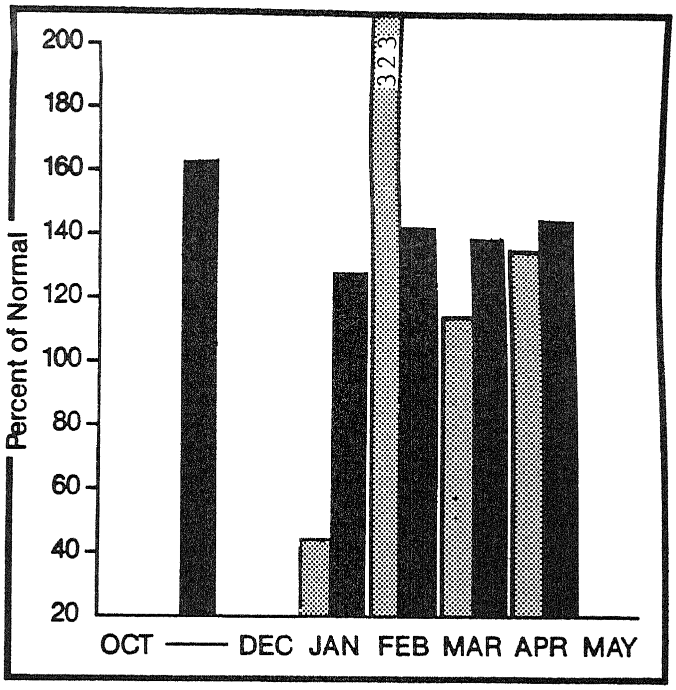
Mountain snowpack* (inches)



*Based on selected stations

Maximum / Minimum / Average / Current

Precipitation* (percent of normal)



*Based on selected stations

Monthly precipitation / Year to date precipitation

WATER SUPPLY OUTLOOK:

Snowpack on the Uintas is about 40% greater than normal compared to the May 1 average. New record water content exists on some south slope sites above 10,000 feet in elevation. Mountain precipitation during April was 37% greater than average bringing the total for the water year to 146% of average. Reservoir storage is 130% of average. Streamflow forecasts have increased from levels projected last month by 12 to 94% and now range from 138% on Black's Fork near Millburne to 279% for the Duchesne near Myton.

For more information contact your local Soil Conservation Service office:
Roosevelt Field Office 801-722-4621

UINTAH BASIN & DAGGET SCD'S

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	20 YR. AVE. (1000AF)	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVE.)	REAS. MAX. (% AVE.)	REAS. MIN. (% AVE.)	PEAK FLOW (CFS)	PEAK DATE	LOW FLOW (CFS)	LOW DATE
DUCHESNE RIVER near Tabiona	MAY-JUL	96.0	175.0	182	195	170				
DUCHESNE RIVER near Duchesne	APR-JUL	189.0	338.0	178	193	166				
STRAWBERRY RIVER at Duchesne	APR-JUL	58.0	120.0	206	221	193	1050			
ROCK CREEK near Mountain Home	MAY-JUL	88.0	155.0	176	191	164	2500			
CURRANT CREEK near Fruitland	MAY-JUL	16.6	30.0	180	199	169				
LAKEFORK RIVER near Mountain Home	MAY-JUL	67.0	104.0	155	172	140				
YELLOWSTONE RIVER near Altonah	MAY-JUL	61.0	95.0	155	182	130				
DUCHESNE near Myton	MAY-JUL	186.0	520.0	279	305	249				
WHITE ROCKS RIVER near Whiterocks	MAY-JUL	56.0	86.0	153	182	125				
UINTAH RIVER near Neola	MAY-JUL	81.0	132.0	162	201	125				
DUCHESNE near Randlett	APR-JUL	257.0	675.0	262	330	196				
WEST FORK DUCHESNE RIVER near Hanna	APR-JUL	26.0	48.0	184	200	169				
HENRY'S FORK near Manila	APR-SEP	48.0	72.0	150	179	127				
BLACK'S FORK near Millburne	APR-JUL	90.0	125.0	138	164	117				
FLAMING GORGE RESERVOIR inflow	MAY-JUL	1080.0	2050.0	189	208	174				
ASHLEY CREEK near Vernal	MAY-JUL	49.0	72.0	146	165	131	1570			

RESERVOIR STORAGE (1000AF)

RESERVOIR	USEABLE CAPACITY	** USEABLE STORAGE ** THIS YEAR	LAST YEAR	AVE.
FLAMING GORGE	3749.0	2939.0	3108.7	---
MOON LAKE	35.8	25.4	30.8	18.1
RED FLEET	26.0	19.7	23.9	---
STEINAKER	33.3	29.1	30.6	23.0
STARVATION	165.3	146.6	154.4	113.5
STRAWBERRY-ENLARGED	951.4	421.6	324.4	---

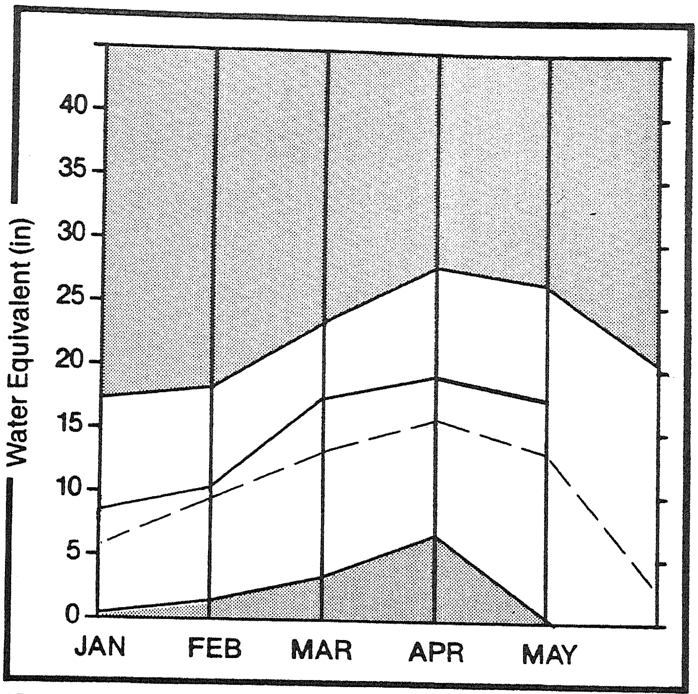
WATERSHED SNOWPACK ANALYSIS

WATERSHED	NO. COURSES AVE.D	THIS YEAR AS % OF LAST YR.	AVERAGE
UPPER GREEN RIVER in UTAH	8	178	116
ASHLEY CREEK	2	262	114
BLACK'S FORK RIVER	3	165	120
SHEEP CREEK	2	170	119
DUCHESNE RIVER	10	206	162
LAKE FORK-YELLOWSTONE CRE	3	186	167
STRAWBERRY RIVER	4	220	156
UINTAH-WHITEROCKS RIVERS	2	209	164
UINTAH BASIN & DAGGET SCD	19	189	143

rrected for upstream diversions or changes in reservoir storage.
erage is for 1961-80 period.

Carbon, Emery, Wayne, Grand, and San Juan Co.

Mountain snowpack* (inches)



*Based on selected stations

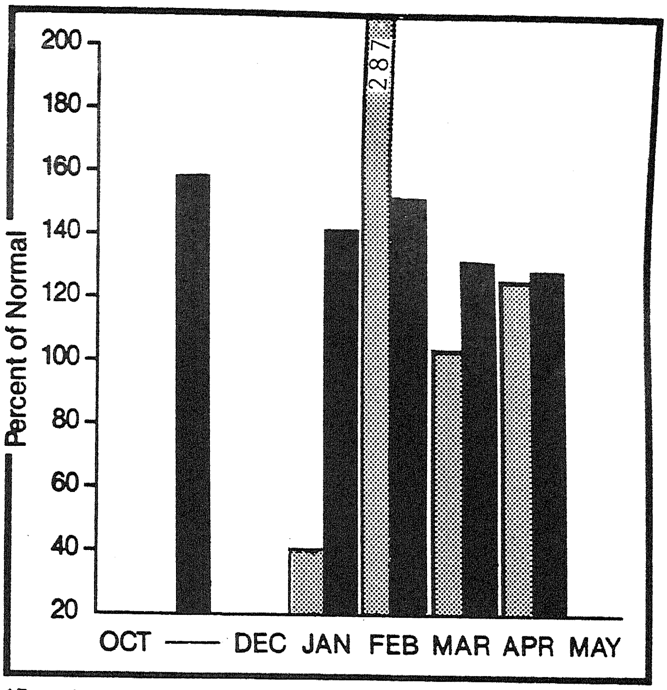
Maximum

Minimum

Average - - - -

Current ———

Precipitation* (percent of normal)



*Based on selected stations

Monthly precipitation

Year to date precipitation

WATER SUPPLY
OUTLOOK:

Southeastern Utah watersheds have snowpacks ra
from 19% of the May 1 average on the Blue Mour
to 130% on the Price River. Mountain precipit
during April was quite generous with most stat
reporting greater than normal rainfall. Accum
for the water year is now 132% of normal over
eastern Utah. Reservoir storage is 115% of av
Forecasts generally increased as a percent of
from levels forecast last month with the Color
Green and San Juan showing the most increase.

For more information contact your local Soil
Conservation Service office:
Price Field Office 801-637-0041

CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co.

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	20 YR. AVE. (1000AF)	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVE.)	REAS. MAX. (% AVE.)	REAS. MIN. (% AVE.)	PEAK FLOW (CFS)	PEAK DATE	LOW FLOW (CFS)	LOW DATE
GOOSEBERRY CREEK near Scofield	MAY-JUL	10.0	13.0	130	150	110				
SCOFIELD RESERVOIR inflow	MAY-JUL	33.0	54.0	163	182	152				
PRICE near Heiner	MAY-JUL	56.0	100.0	178						
HUNTINGTON CREEK near Huntington	MAY-JUL	43.0	67.0	155	172	142	900			
COTTONWOOD CREEK near Orangeville	MAY-JUL	43.0	60.0	139	170	109				
FERRON CREEK near Ferron	MAY-JUL	34.0	49.0	144	165	124	720			
MUDDY CREEK near Emery	APR-JUL	18.5	25.0	135	157	114	280			
COLORADO near Cisco, UT	MAY-JUL	2688.0	5000.0	189	214	169				
GREEN near Green Rv., UT	MAY-JUL	2594.0	5000.0	192	212	174				
MILL CREEK near Moab	MAY-JUL	4.7	4.3	91	106	64				
NAVAJO RESERVOIR inflow	MAY-JUL	540.0	1000.0	185	213	161				
SAN JUAN near Bluff, UT	MAY-JUL	793.0	1350.0	170	201	145				
SEVEN MILE CREEK near Fish Lake	APR-JUL	6.5	6.5	100	123	77				

RESERVOIR STORAGE (1000AF)

RESERVOIR	USEABLE CAPACITY	** USEABLE STORAGE ** THIS YEAR	LAST YEAR	AVE.
HUNTINGTON NORTH	3.9	3.7	3.0	3.9
JOE'S VALLEY	54.6	48.1	48.1	46.8
KEN'S LAKE	2.3	1.6	2.3	---
MILL SITE	16.7	9.9	16.7	6.3
SCOFIELD	65.8	45.7	56.4	36.6
		[illegible]	[illegible]	[illegible]

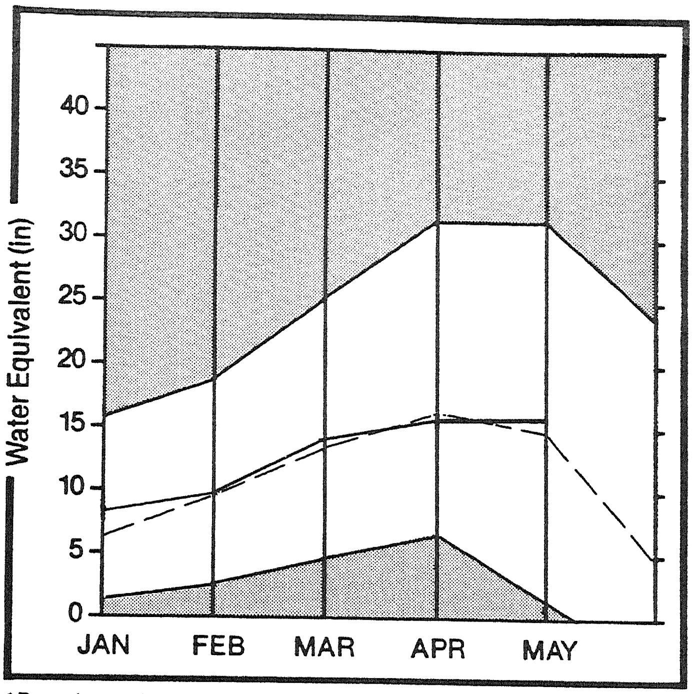
WATERSHED SNOWPACK ANALYSIS

WATERSHED	NO. COURSES AVE.D	THIS YEAR AS % OF LAST YR.	AVERAGE
PRICE RIVER	3	192	130
SAN RAFAEL RIVER	7	154	120
MUDDY RIVER	2	201	78
FREMONT RIVER	3	116	65
LASAL MOUNTAINS	2	145	89
BLUE MOUNTAINS	2	21	19
CARBON, EMERY, WAYNE, GRA	20	135	97

*Corrected for upstream diversions or changes in reservoir storage.
Average is for 1961-80 period.

Sevier & Beaver River Basins

Mountain snowpack* (inches)



*Based on selected stations

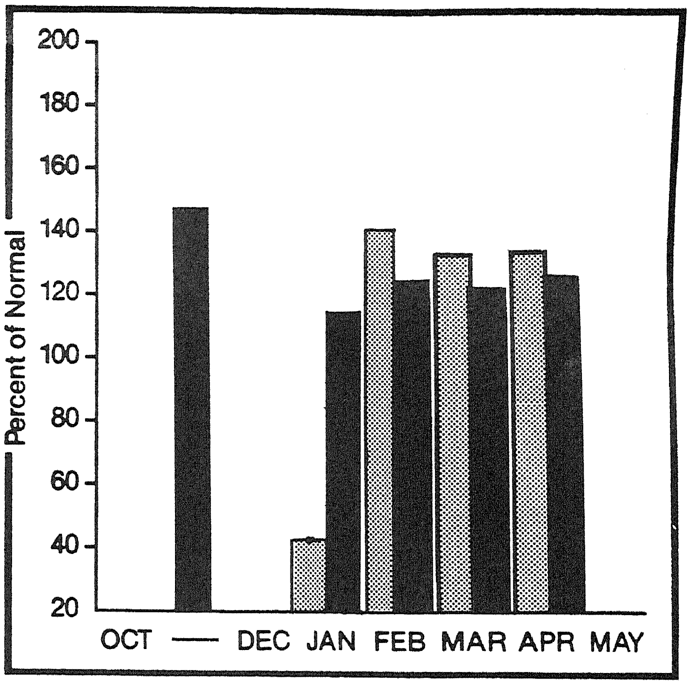
Maximum

Minimum

Average

Current

Precipitation* (percent of normal)



*Based on selected stations

Monthly precipitation

Year to date precipitation

WATER SUPPLY OUTLOOK:

Snowpack on the Sevier River has improved si month and now ranges from 83% of the May 1 a the Upper Sevier to 113% on the Lower Sevier Beaver River snowpack increased to 165% of a Precipitation at mountain stations in April of average bringing total water year accumul 128% of average. Reservoir storage is 95% o capacity and 153% of average. Streamflow fo generally increased from last month and now from near average to almost five times avera

For more information contact your local Soil Conservation Service office:
Richfield Field Office 801-896-6261
Fillmore Field Office 801-743-6655

SEVIER & BEAVER RIVER BASINS

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	20 YR. AVE. (1000AF)	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVE.)	REAS. MAX. (% AVE.)	REAS. MIN. (% AVE.)	PEAK FLOW (CFS)	PEAK DATE	LOW FLOW (CFS)	LOW DATE
SEVIER at Hatch	MAY-JUL	42.0	50.0	119	148	98	600			
SEVIER near Circleville	MAY-JUL	30.0	45.0	150						
SEVIER near Kingston	MAY-JUL	22.0	25.0	113	177	59	450			
ANTIMONY CREEK near Antimony	MAY-JUL	5.7	8.5	149						
E F SEVIER near Kingston	MAY-JUL	12.5	20.0	160	224	120				
SEVIER blw Piute Dam	MAY-JUL	33.0	38.0	115	182	55				
CLEAR CREEK near Sevier	MAY-JUL	16.2	22.0	135			325			
SIGURD to GUNNISON	MAY-JUL	16.6	80.0	481	578	392				
KINGSTON to VERMILLION DAM	MAY-JUL	28.0	55.0	196	196	196				
VERMILLION DAM to GUNNISON	MAY-JUL	19.0	65.0	342	342	342				
SALINA CREEK at Salina	MAY-JUN	10.8	20.0	185			700			
SEVIER nr Gunnison	MAY-JUL	41.0	115.0	280						
CHALK CREEK near Fillmore	MAY-JUL	13.2	13.3	100	121	83				
CHICKEN CREEK near Levan	APR-JUL	3.5	4.2	120	143	86				
OAK CREEK near Oak City	MAY-JUL	1.1	1.4	127	182	91				
EPHRAIM CREEK near Ephraim	MAY-JUL	8.3	12.0	144						
PLEASANT CREEK near Pleasant	MAY-JUL	7.9	12.0	151						
SALT CREEK near Nephi	MAY-JUL	10.8	8.8	81	139	28				
BEAVER RIVER near Beaver	MAY-JUL	21.0	40.0	190	224	157	450			
NORTH CREEK near Beaver (combined N	MAY-JUL	12.7	20.6	162	220	102				
MINERSVILLE RESERVOIR inflow	APR-JUN	8.9	20.0	224	258	191				

RESERVOIR STORAGE (1000AF)

RESERVOIR	USEABLE CAPACITY	** USEABLE STORAGE ** THIS YEAR	LAST YEAR	AVE.
GUNNISON	18.2	18.2	18.2	14.9
MINERSVILLE (RkyFd)	26.0	23.1	26.0	14.6
OTTER CREEK	52.5	52.5	52.7	39.5
PIUTE	71.8	65.1	71.8	44.7
SEVIER BRIDGE	236.0	223.4	225.4	136.0
PANGUITCH LAKE	22.3	21.5	22.3	---

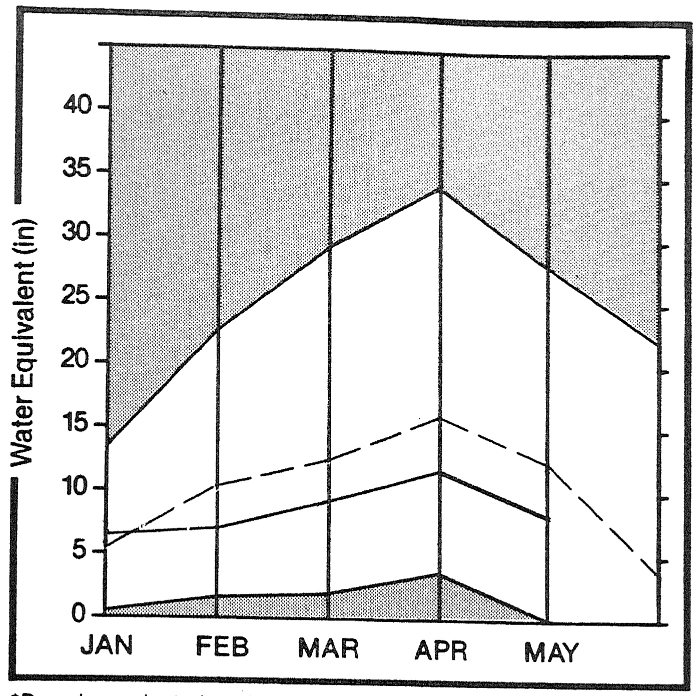
WATERSHED SNOWPACK ANALYSIS

WATERSHED	NO. COURSES AVE.D	THIS YEAR AS % OF LAST YR.	AVERAGE
UPPER SEVIER RIVER (south	11	95	83
EAST FORK SEVIER RIVER	4	82	73
SOUTH FORK SEVIER RIVER	7	101	88
LOWER SEVIER RIVER (inclu	12	139	113
BEAVER RIVER	3	143	165
SEVIER & BEAVER RIVER BAS	26	127	111

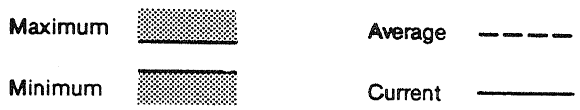
*Corrected for upstream diversions or changes in reservoir storage.
Average is for 1961-80 period.

E. Garfield, Kane, Washington, & Iron Co.

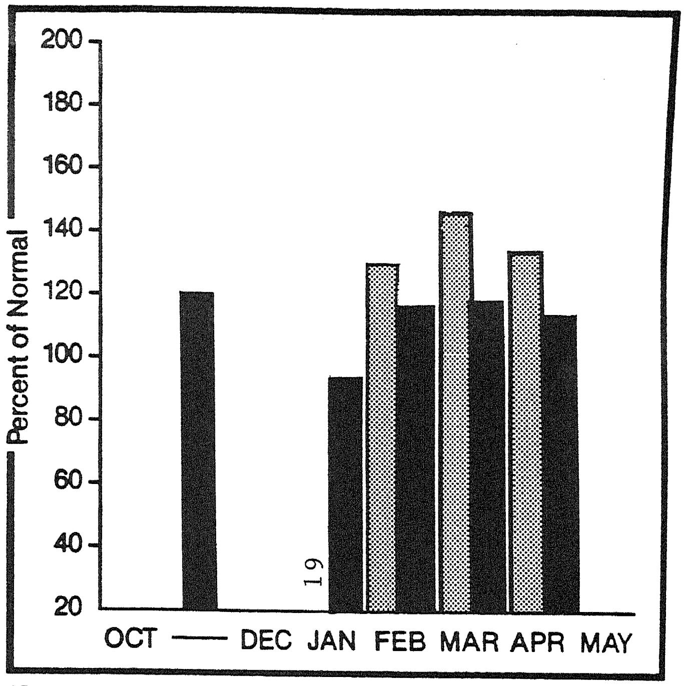
Mountain snowpack* (inches)



*Based on selected stations



Precipitation* (percent of normal)



*Based on selected stations

WATER SUPPLY
OUTLOOK:

Snowpack in southwestern Utah improved in A
Parowan and Coal Creek drainages but +h-
worsened slightly on the Virgin.
Harmony snow courses were bare ... snowpack on the
Escalante fell sharply. Mountain precipitation was
greater than normal for the third consecutive month
which has helped the streamflow and reservoir
situation, but with reservoirs in the area at only
about 60% of capacity, water shortages already exist
and are expected to worsen as the season progresses.

For more information contact your local Soil
Conservation Service office:
Cedar City Field Office 801-586-2429

E. GARFIELD, KANE, WASHINGTON, & IRON Co.

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	20 YR. AVE. (1000AF)	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVE.)	REAS. MAX. (% AVE.)	REAS. MIN. (% AVE.)	PEAK FLOW (CFS)	PEAK DATE	LOW FLOW (CFS)	LOW DATE
VIRGIN near Hurricane	MAY-JUN	40.0	40.0	100	150	53	600			
SANTA CLARA near Pine Valley	MAY-JUN	4.1	4.2	102						
COAL CREEK near Cedar City	MAY-JUL	15.4	20.0	129	162	110	400			
LAKE POWELL inflow	MAY-JUL	6475.0	12600.0	194	218	174				

RESERVOIR STORAGE (1000AF)

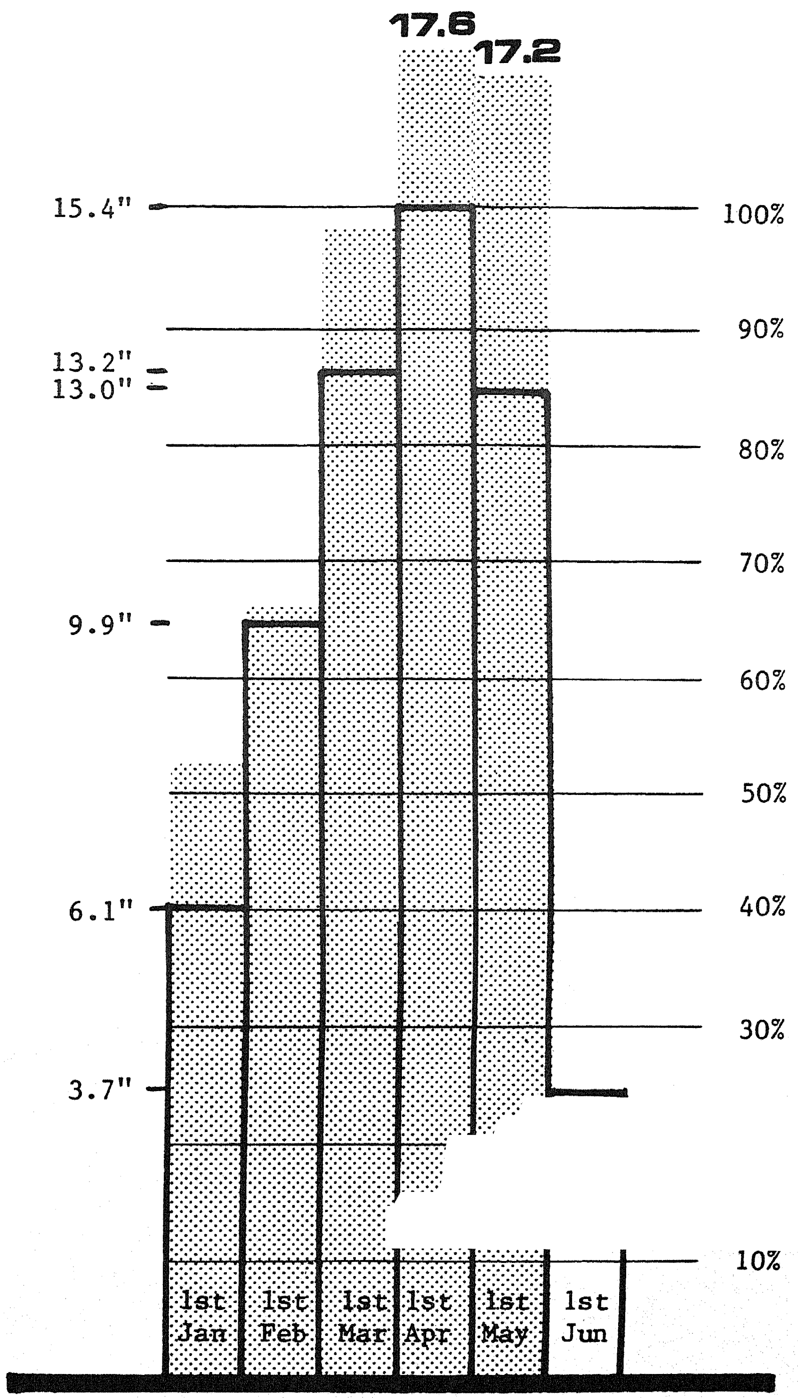
RESERVOIR	USEABLE CAPACITY	** USEABLE STORAGE ** THIS YEAR	LAST YEAR	AVE.
GUNLOCK	10.4	9.3	---	---
LAKE POWELL	25002.0	22220.0	22599.0	---
QUAIL CREEK	40.0	24.0	---	---
UPPER ENTERPRISE	10.0	5.0	---	---
LOWER ENTERPRISE	2.6	1.3	---	---

WATERSHED SNOWPACK ANALYSIS

WATERSHED	NO. COURSES AVE.D	THIS YEAR AS % OF LAST YR.	AVERAGE
VIRGIN RIVER	5	106	76
PAROWAN	4	114	75
ENTERPRISE TO NEW HARMONY	2	0	0
COAL CREEK	3	112	82
ESCALANTE RIVER	1	55	65
E. GARFIELD, KANE, WASHIN	12	109	72

*Corrected for upstream diversions or changes in reservoir storage.
Average is for 1961-80 period.

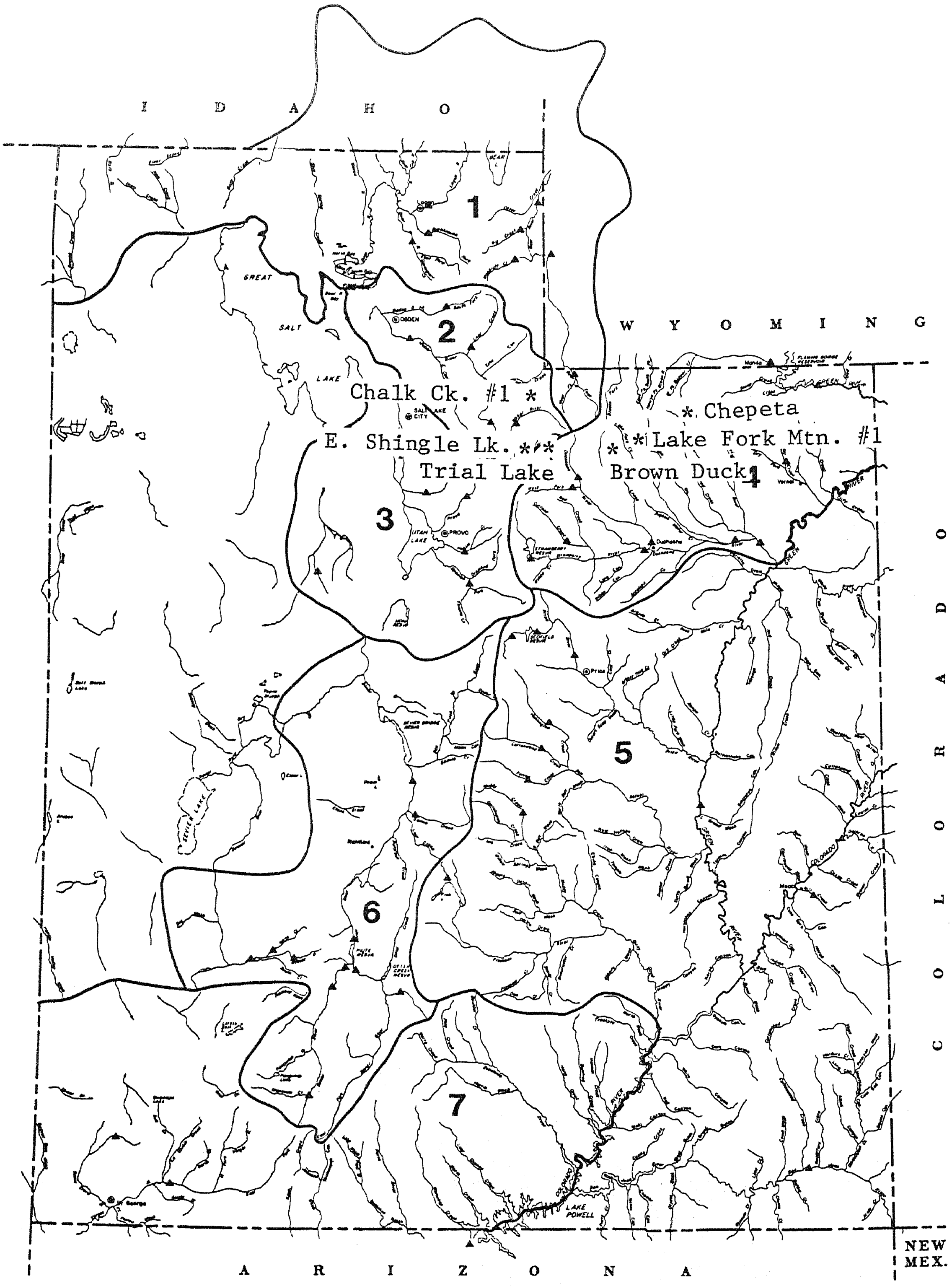
Utah Snowpack Progress



Statewide

Average monthly snow water equivalent for the current water year is compared to 1961-80, 20 year average monthly snow water equivalent. Peak average snow water equivalent achieved on April 1 equals 100%.

*=NEW RECORD MAY 1 SNOW WATER EQUIVALENT



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